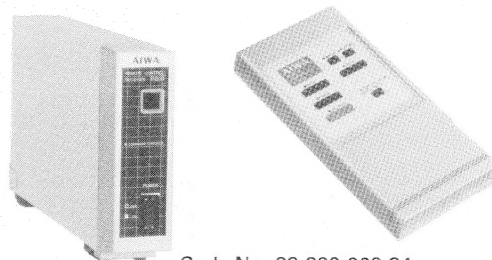


SERVICE MANUAL

MODEL NO.

REMOTE CONTROL SET

RC-R200Y



Code No. 22-200-000-34

REMOTE CONTROL SET

RC-R500H,HU,E,K,G



Code No. 22-500-000-58

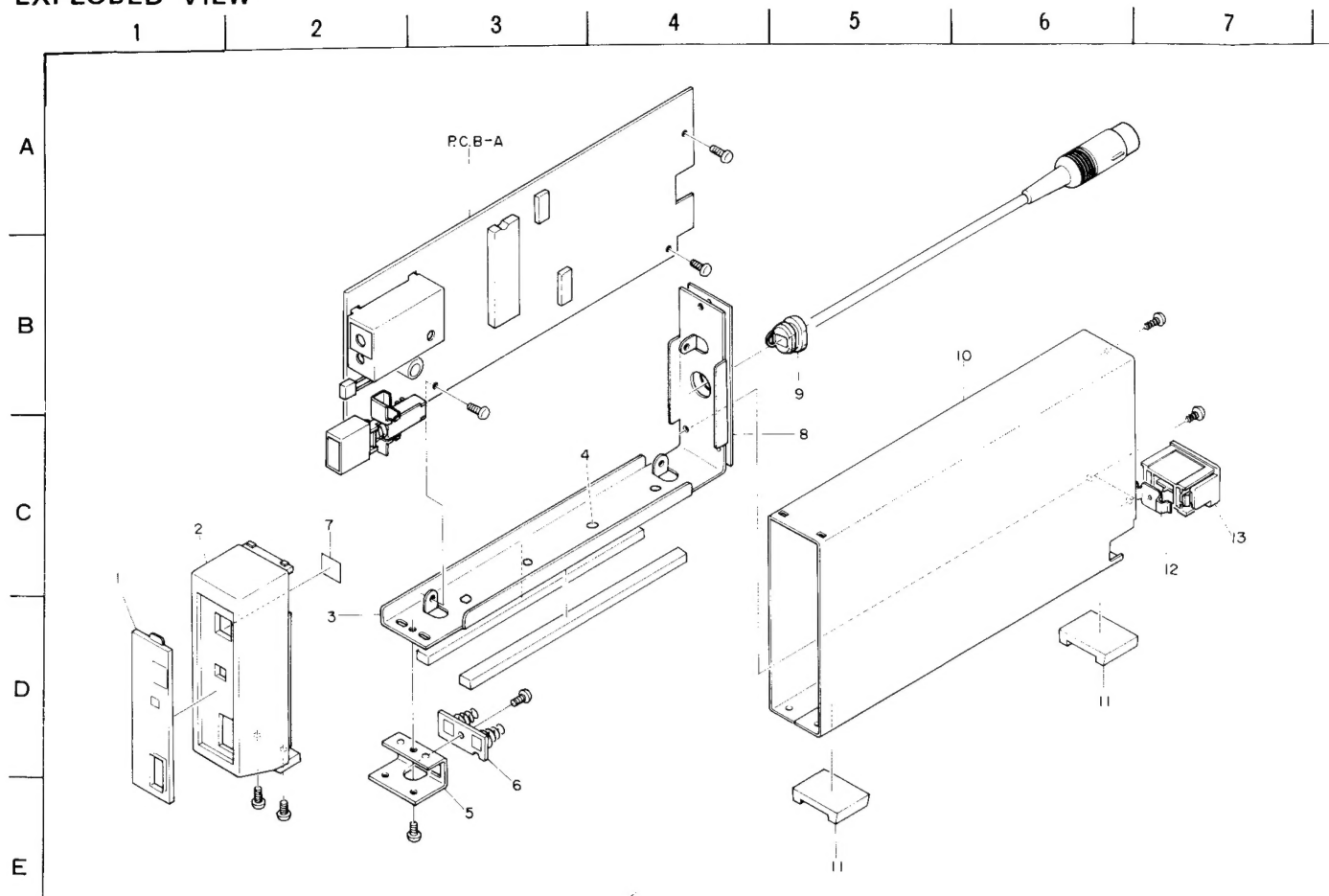
DATE OF ISSUE 12/1981

SPECIFICATIONS

	RC-R200		RC-R500
Semiconductors:	4 ICs, 9 transistors, 16 diodes, DC 9V (DC 7.2V ~ 10V)	Semiconductors:	17 ICs, 25 transistors, 56 diodes, 8 LED H, HU model AC 110 ~ 120/220 ~ 240V Switchable, 50/60 Hz E model AC 220V 50 Hz K, G model AC 240V 50 Hz 10 W
Power supply:	DC 9V (DC 7.2V ~ 10V)	Power supply:	AC 110 ~ 120/220 ~ 240V Switchable, 50/60 Hz E model AC 220V 50 Hz K, G model AC 240V 50 Hz 10 W
Dimensions:	31 (W) x 110 (H) x 230 (D) mm	Dimensions:	250 (W) x 71 (H) x 241 (D) mm
Weight:	500g	Weight:	2.3 kg
OSC frequency:	Standard OSC frequency 455 kHz \pm 2 kHz Carrier 37.91 kHz \pm 170 kHz	Frequency response:	10 ~ 50 kHz ($+0.5$ dB -3 dB)
Distance:	approx. 5m (15 feet)	Total harmonic distortion:	Less than 0.7% (1 kHz)
Transmission field:	$\pm 20^\circ$ (2m)	S/N ratio:	More than 55 dB (PHONO 1) More than 55 dB (TUNER) More than 55 dB (AUX 1)
« Wireless transmitter section »		Distance:	approx. 5 m
Semiconductors:	2 ICs, 2 transistors, 2 diodes, 2 LEDs DC 3V (3.2V ~ 2.4V)	Inputs:	150 mV/47 k Ω (PHONO 1, TUNER, AUX 1, TAPE INPUT 1)
Power supply:	DC 3V (3.2V ~ 2.4V)	Outputs:	150 mV/47 k Ω (TAPE OUTPUT 1) 150 V/47 k Ω (OUTPUT)
Current consumption:	30 μ A	« Wireless transmitter section »	
Dimensions:	64 (W) x 21 (H) x 134 (D) mm	Semiconductors:	2 ICs, 2 transistors, 2 diodes, 2 LEDs DC 3V (3.2V ~ 2.4V)
Weight:	100g	Power supply:	DC 3V (3.2V ~ 2.4V)
Transmission field:	$\pm 20^\circ$ (2m)	Current consumption:	30 μ A
Transmission distance:	approx. 5m	Dimensions:	63 (W) x 22 (H) x 141.5 (D) mm
OSC frequency:	Standard OSC frequency 455 kHz \pm 2 kHz Carrier 37.91 kHz \pm 170 Hz	Weight:	100 g
		Transmission field:	$\pm 20^\circ$ (2m)
		Transmission distance:	approx. 5 m
		OSC. frequency:	Standard OSC. frequency 455 kHz \pm 2 kHz Carrier 39.91 kHz \pm 170 Hz.

- The specifications and external appearance of this set are subject to change without prior notice.

EXPLODED VIEW



PARTS LIST

MECHANICAL PARTS

■ * mark in this part list shows exclusive part.

Ref. No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty	
1	86-199-012-01		Window	*	1	
2	86-199-010-01		Panel, Front	*	1	
3	86-199-201-01		Chassis, Amp.	*	1	
4	86-199-202-01		Holder, Battery	*	1	
5	86-199-203-01		Guide, Battery	*	1	
6	86-199-205-01		C-spring	*	2	
7	86-199-206-01		Plate	*	1	
8	86-199-017-01		Jack plate	*	1	
9	86-199-208-01		Cord bushing	*	1	
10	86-199-011-01		Cabinet, Steel	*	1	
11	86-199-014-01		Rubber foot	*	2	
12	86-199-207-01		Battery terminal	*	1	
13	86-199-013-01		Battery room lid	*	1	

ELECTRICAL MAIN PARTS LIST

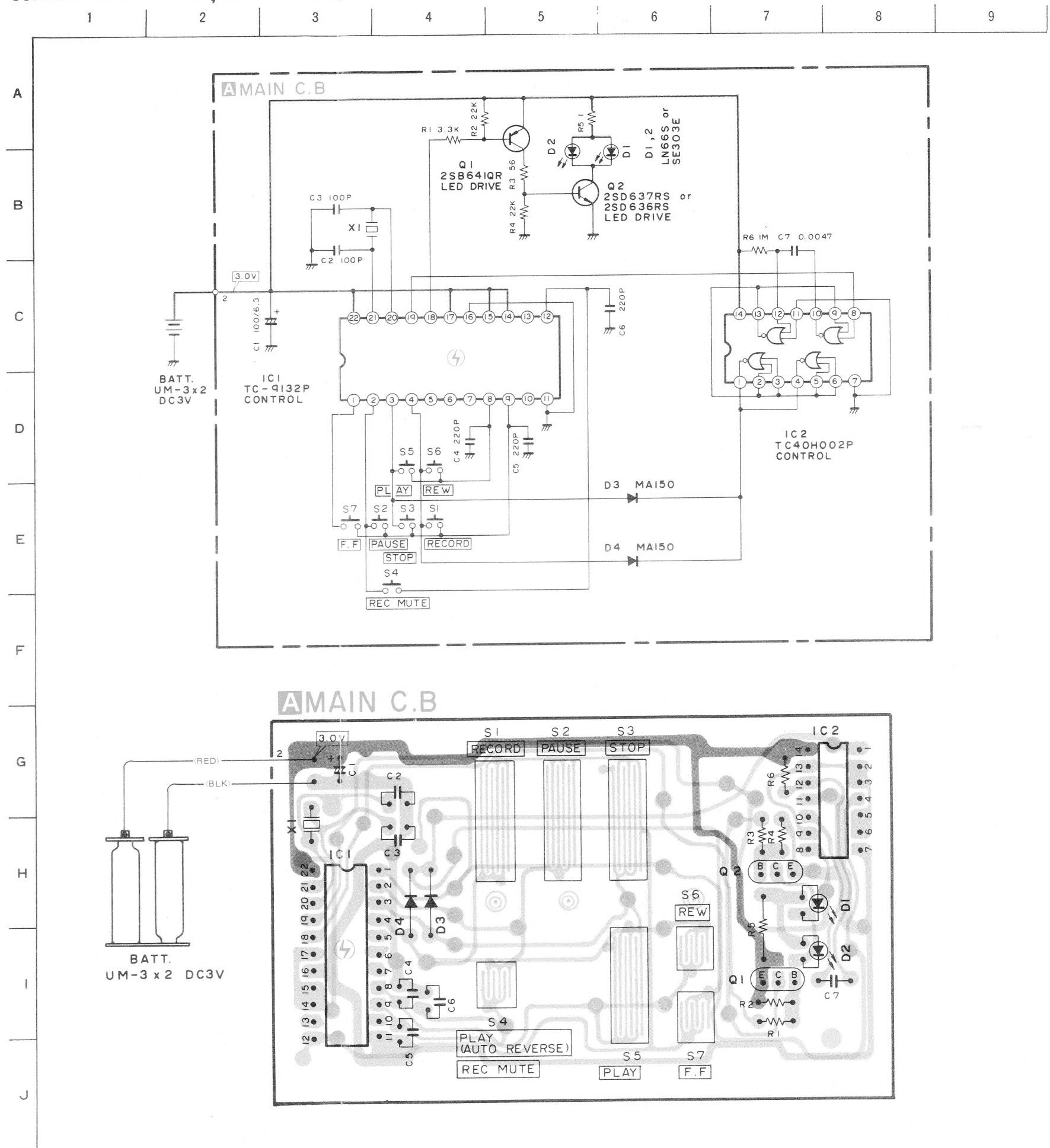
Symbol No.	Part No.	Description
« MAIN CIRCUIT BOARD SECTION »		
PCB-A	86-199-610-01	Main circuit board
IC1	87-027-826-01	IC, μ PC1373H
IC2	87-027-828-01	IC, TC9134P
IC3,4	87-027-827-01	IC, TC4069UBP
Q1,2,3,4, 5,6,7,8, 9	89-318-054-01	Transistor, 2SC1815(Y)
D1	87-026-186-01	Photo diode PIN PN313
D2	88-051-060-01	Diode, 1N60
D3	87-027-369-01	Zener diode, 05Z6.2L
D5,6,7,8, 9,10,11,12, 13,14,15,16, 17	87-027-097-01	Diode, 1S1555
L1	87-003-067-01	Choke coil, 5mH
X1	87-008-247-01	Ceramic, KBR455B
S1	87-031-694-01	Push-switch (POWER)
« MISCELLANEOUS »		
J1	86-199-601-01	8P DIN plug ass'y
	86-199-208-01	Cord bushing
	86-198-800-01	Remote control transmitter RC-T200

C-MOS IC handling precaution

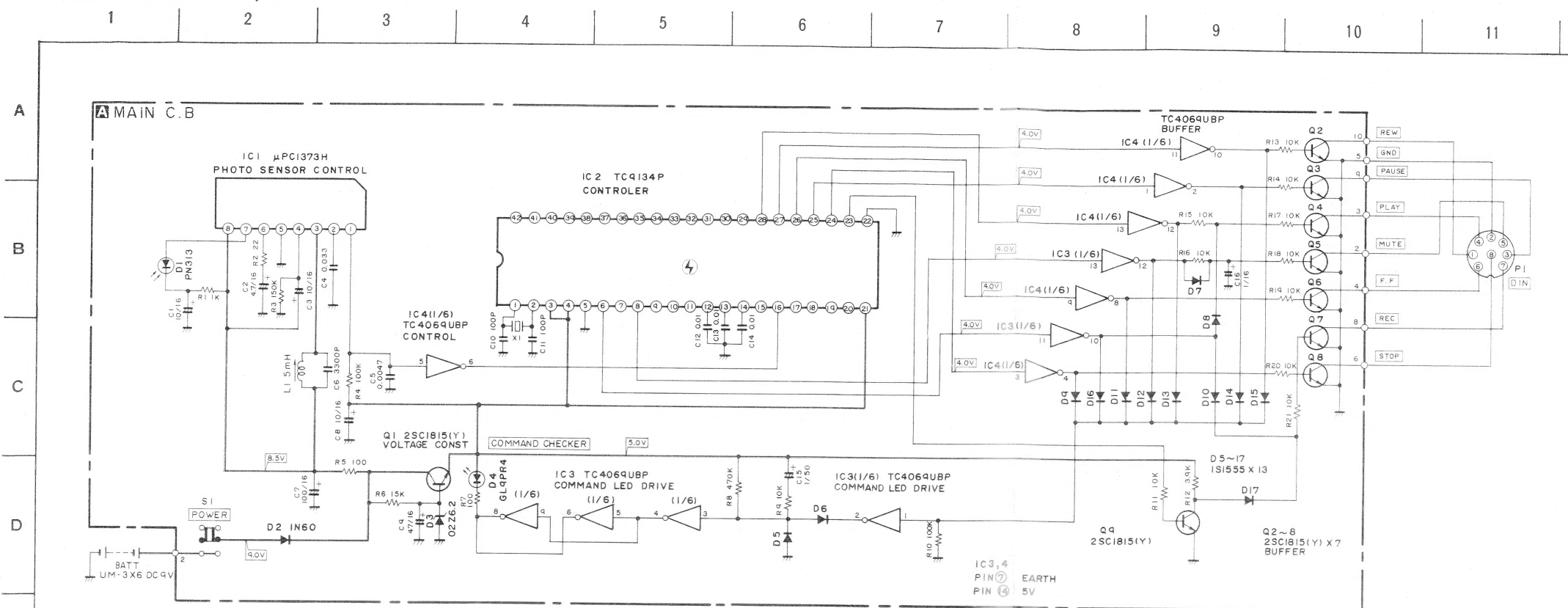
The C-MOS IC's construction makes this part susceptible to damage by static electricity and so take sufficient care in regard to following articles.

1. Need to be put on conductive sheet, to be put in a metallic box and to be wrapped by aluminium foil for transportation and deposit.
2. To use solder iron less than 40W (less than 260°C) of power consumption for soldering. But do not overheat more than 10 second.
3. Do not perform a conductivity test with a tester, etc. Refer to the circuit voltages of each part.
4. The ICs on the electrical parts which are indicated by an C-MOS IC symbol mark (⚡).

SCHEMATIC DIAGRAM, WIRING=RC-T200Y



SCHEMATIC DIAGRAM, WIRING=RC-R200Y



ELECTRICAL MAIN PARTS LIST

Symbol No.	Part No.	Description
◀ MAIN CIRCUIT BOARD SECTION ▶		
PCB-A	*	Main circuit board
IC4	87-027-830-01	IC, HD 7407
IC5	87-027-616-01	IC, TC4050BP
Ⓢ IC6	87-027-828-01	IC, TC9134P
Ⓢ IC7,8,9,10	87-027-298-01	IC, CMOS4001 NOR
IC11	87-027-840-01	IC, M54519P
IC12,13	87-027-829-01	IC, TK10321
IC14	87-027-827-01	IC, TC4069UBP
Ⓢ IC15	87-027-564-01	IC, CMOSTC4011PB
IC16	87-027-371-01	IC, 4558DA
IC17	87-027-678-01	IC, LM13600N
Q5	89-318-155-01	Transistor, 2SC1815 (GR)
Q6,7,14	89-304-582-31	Transistor, 2SC458(Q)
17,18		
Q8,9,11,12	89-406-555-01	Transistor, 2SD655E
Q10,13	89-110-154-01	Transistor, 2SA1015 (Y)
Q16	89-320-011-01	Transistor, 2SC2001 (K)
Q15,19,20,23,25	89-107-336-71	Transistor, 2SA733 (P,Q)
Q21	89-405-712-06	Transistor, 2SD571 (L)
Q24	89-408-804-01	Transistor, 2SD880 (Y)
Q22	89-316-274-01	Transistor, 2SD1627 (Y)
D12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,53,54,59,60,61,62,63,64,72	87-027-097-01 (87-027-219-01)	Diode, 1S1555 (Diode, MA150)
D32,51,52	87-027-365-01	Diode, S5277B
D49,71	87-027-606-01	Zener diode, HZ7C2L
D50	87-027-402-01	Zener diode, HZ242L
D55	87-027-376-01	Diode, 1B4B41
D56,57	87-027-364-01	Zener diode, HZ12A3L
TH1	82-304-722-01	Thermister, 42D26
TH2	87-026-178-01	Thermister, 250Ω
X1	87-008-246-01	Ceramic resonator
RY1	87-045-149-01	Relay, DC12V U
J1,2,3,4	87-049-055-01	Pin jack, 4P (AUX, TUNER)
J5,6	87-049-079-01	DIN socket, 5P (AMP, PHONO, TAPE)
J7	87-032-985-01	DIN socket, 8P (DECK CONTROL)
J8	87-032-892-01	Jack, 2.5φ (PHONO, START/CUT)
SFR1	87-021-616-01	Semi-fixed resistor, 100kΩ-B
SFR2	87-021-615-01	Semi-fixed resistor, 47kΩ-B
SFR3	87-021-612-01	Semi-fixed resistor, 4.7kΩ-B
< Capacitor >		
⚠ C34	87-019-112-01	0.01μF Spark killer
C23,28,29	87-015-935-01	0.22μF 12V Ceramic
◀ FRONT CIRCUIT BOARD SECTION ▶		
IC1	87-027-826-01	IC, μPC1373H
Ⓢ IC2	87-027-298-01	IC, CMOS4001 NOR
IC3	87-027-832-01	IC, TA7612AP
Q1	89-318-155-01	Transistor, 2SC1815 (GR)
Q2,3,4	89-304-582-31	Transistor, 2SC458 (Q)
D1	87-026-186-01	Photo diode, PIN PN313
D2	87-027-543-01	LED, LN317GP

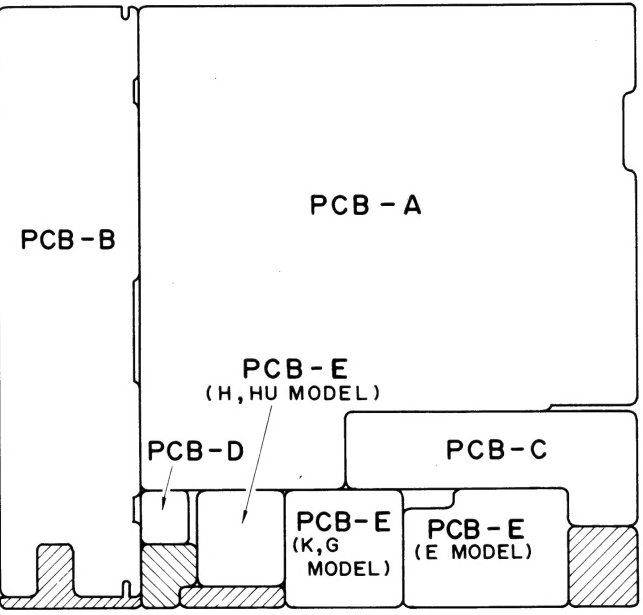
Symbol No.	Part No.	Description
D3,4	87-027-097-01	Diode, 1S1555
D5,6,7,8	87-027-542-01	LED, LN217RP
9		
D10	87-027-834-01	LED, LN242RP
D11	87-027-835-01	LED ass'y, GL-109R1
L1	87-005-149-01	Coil, 5mH
S1,2,3,4,5,6,7,8	87-031-665-01	Light tact switch (REMOTE, TUNER, AUX. PHOTO, TAPE, DOWN, UP, MUTE)
< Capacitor >		
C1,13	87-015-681-01	10μF 16V Electrolytic
C6,7	87-015-684-01	47μF 16V Electrolytic
C12	87-015-677-01	100μF 6.3V Electrolytic
◀ JACK CIRCUIT BOARD SECTION ▶		
D58,65,66,67,68,69,70	87-027-097-01	Diode, 1S1555
J9,10	87-049-064-01	Pin jack, 16P (TIMER, TUNER)
◀ SWITCH CIRCUIT BOARD SECTION ▶		
⚠ S9	87-031-687-01	Push switch (POWER)
◀ AC OUTLET CIRCUIT BOARD SECTION ▶ = "H", "HU" model only		
⚠ PCB-E	*	AC outlet circuit board
⚠ J11,12	87-049-070-01	AC outlet
◀ AC OUTLET CIRCUIT BOARD SECTION ▶ = "E" model only		
⚠ PCB-E	*	AC outlet circuit board
⚠ J11,12	87-049-014-01	AC outlet
⚠ F1	87-035-139-01	Fuse, "T" 2.5A
	87-098-020-01	Fuse label, "T" 2.5A
⚠	87-033-147-01	Fuse clamp
◀ AC OUTLET CIRCUIT BOARD SECTION ▶ = "K", "G" model only		
⚠ PCB-E	*	AC outlet circuit board
⚠ J11,12	87-032-996-01	AC outlet
◀ MISCELLANEOUS ▶		
⚠ T1	86-197-602-01	Power transformer (H, HU model only)
⚠ T1	86-197-604-01	Power transformer (E model only)
⚠ T1	86-197-605-01	Power transformer (K, G model only)
⚠	87-034-956-01	AC power cord (H, HU model only)
⚠	87-034-877-01	AC power cord (E model only)
⚠	87-034-872-01	AC power cord (K model only)
⚠	87-034-892-01	AC power cord (G model only)
⚠ S10	87-031-617-01	Slide switch (VOLTAGE SELECTOR) (H, HU model only)
⚠	87-085-165-01	Cord bushing (H, HU model only)
⚠	87-085-166-01	Holder, AC power cord (E.K.G model only)
⚠	86-198-800-01	Remote control transmitter, RC-T500

⚠ Safety component symbol
This symbol is given to important parts which serve to maintain the safety of the product, and which are made to conform to special safety specifications. Therefore, when replacing a component with this symbol, make absolutely sure that you use a designated part.

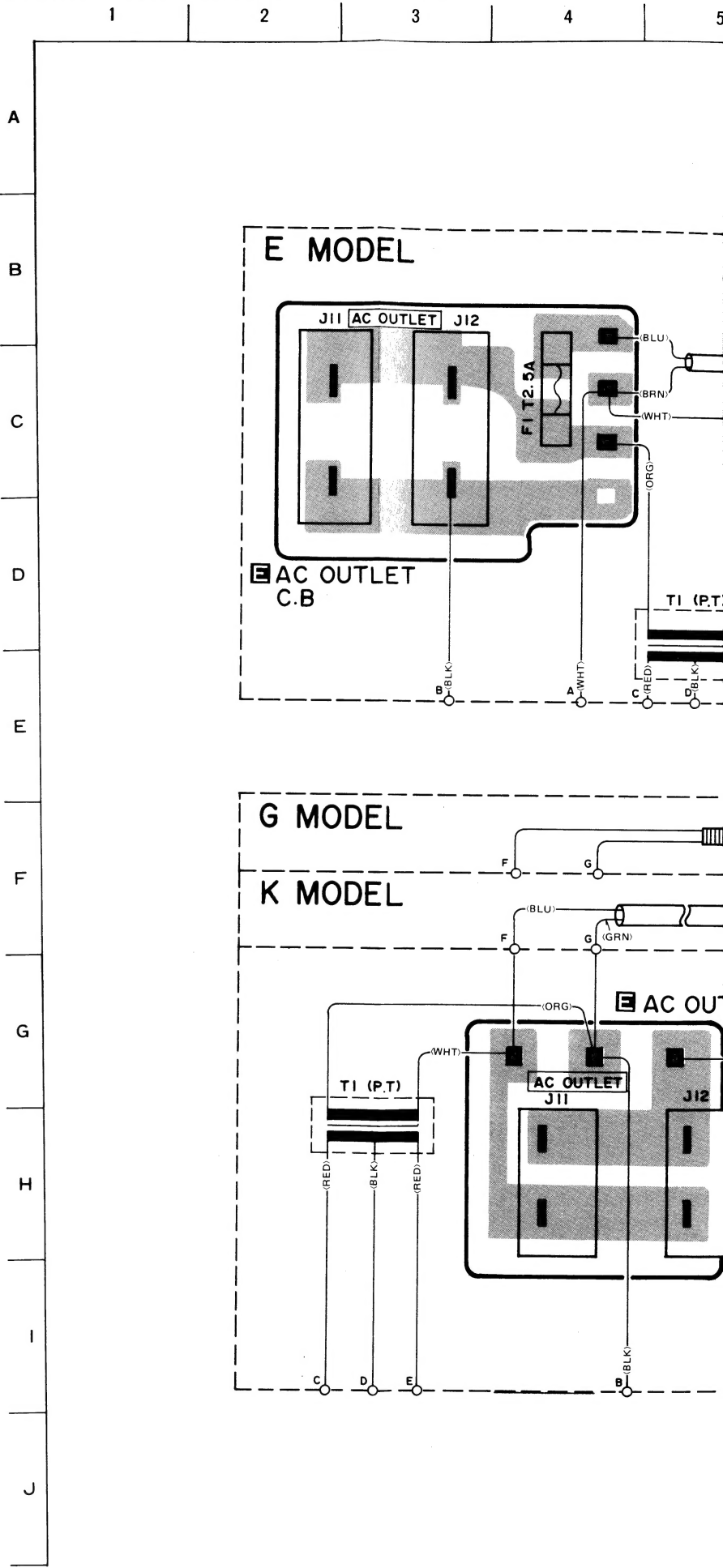
C-MOS IC handling precaution
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1. Need to be put on conductive sheet, to be put in a metallic box and to be wrapped by aluminium foil for transportation and deposit.
2. To use solder iron less than 40W (less than 260°C) of power consumption for soldering. But do not overheat more than 10 second.
3. Do not perform a conductivity test with a tester, etc. Refer to the circuit voltages of each part.
4. The ICs on the electrical parts which are indicated by an C-MOS IC symbol mark (Ⓢ).

Note; Combination Circuit Board
The parts on the electrical parts list which are indicated by an asterisk (*) are supplied as one single combined circuit board. Therefore, they will not be supplied separately. If this becomes necessary, please order the entire circuit board.

Combination circuit board 86-197-610-01



WIRING (POWER SECTION = E,K,G MODEL)



WIRING (POWER SECTION = E,K,G MODEL)

1 2 3 4 5 6 7 8

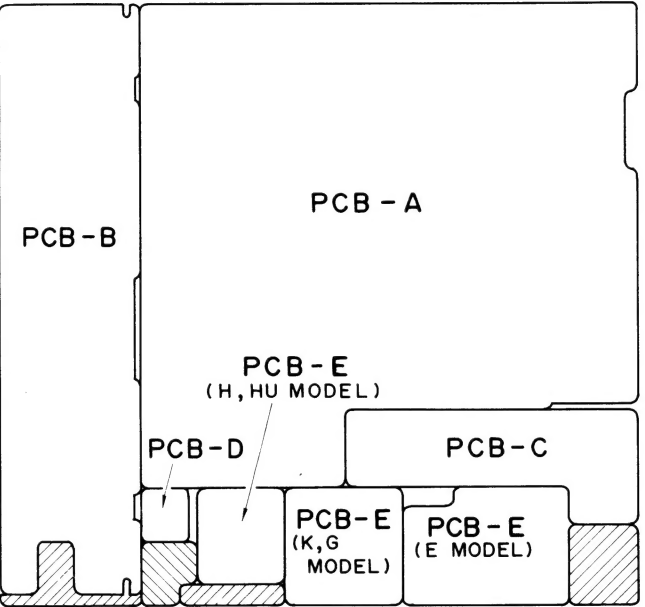
Symbol No.	Part No.	Description
D3,4	87-027-097-01	Diode, 1S1555
D5,6,7,8	87-027-542-01	LED, LN217RP
9		
D10	87-027-834-01	LED, LN242RP
D11	87-027-835-01	LED ass'y, GL-109R1
L1	87-005-149-01	Coil, 5mH
S1,2,3,4,5,6,7,8	87-031-665-01	Light tact switch (REMOTE, TUNER, AUX. PHOTO, TAPE, DOWN, UP, MUTE)
		< Capacitor >
C1,13	87-015-681-01	10μF 16V Electrolytic
C6,7	87-015-684-01	47μF 16V Electrolytic
C12	87-015-677-01	100μF 6.3V Electrolytic
≪ JACK CIRCUIT BOARD SECTION ≫		
D58,65,66,67,68,69,70	87-027-097-01	Diode, 1S1555
J9,10	87-049-064-01	Pin jack, 16P (TIMER, TUNER)
≪ SWITCH CIRCUIT BOARD SECTION ≫		
⚠ S9	87-031-687-01	Push switch (POWER)
≪ AC OUTLET CIRCUIT BOARD SECTION ≫		
= "H", "HU" model only		
⚠ PCB-E	*	AC outlet circuit board
⚠ J11,12	87-049-070-01	AC outlet
≪ AC OUTLET CIRCUIT BOARD SECTION ≫		
= "E" model only		
⚠ PCB-E	*	AC outlet circuit board
⚠ J11,12	87-049-014-01	AC outlet
⚠ F1	87-035-139-01	Fuse, "T" 2.5A
	87-098-020-01	Fuse label, "T" 2.5A
⚠	87-033-147-01	Fuse clamp
≪ AC OUTLET CIRCUIT BOARD SECTION ≫		
= "K", "G" model only		
⚠ PCB-E	*	AC outlet circuit board
⚠ J11,12	87-032-996-01	AC outlet
≪ MISCELLANEOUS ≫		
⚠ T1	86-197-602-01	Power transformer (H, HU model only)
⚠ T1	86-197-604-01	Power transformer (E model only)
⚠ T1	86-197-605-01	Power transformer (K, G model only)
⚠	87-034-956-01	AC power cord (H, HU model only)
⚠	87-034-877-01	AC power cord (E model only)
⚠	87-034-872-01	AC power cord (K model only)
⚠	87-034-892-01	AC power cord (G model only)
⚠ S10	87-031-617-01	Slide switch (VOLTAGE SELECTOR) (H, HU model only)
⚠	87-085-165-01	Cord bushing (H, HU model only)
⚠	87-085-166-01	Holder, AC power cord (E,K,G model only)
	86-198-800-01	Remote control transmitter, RC-T500

⚠ Safety component symbol
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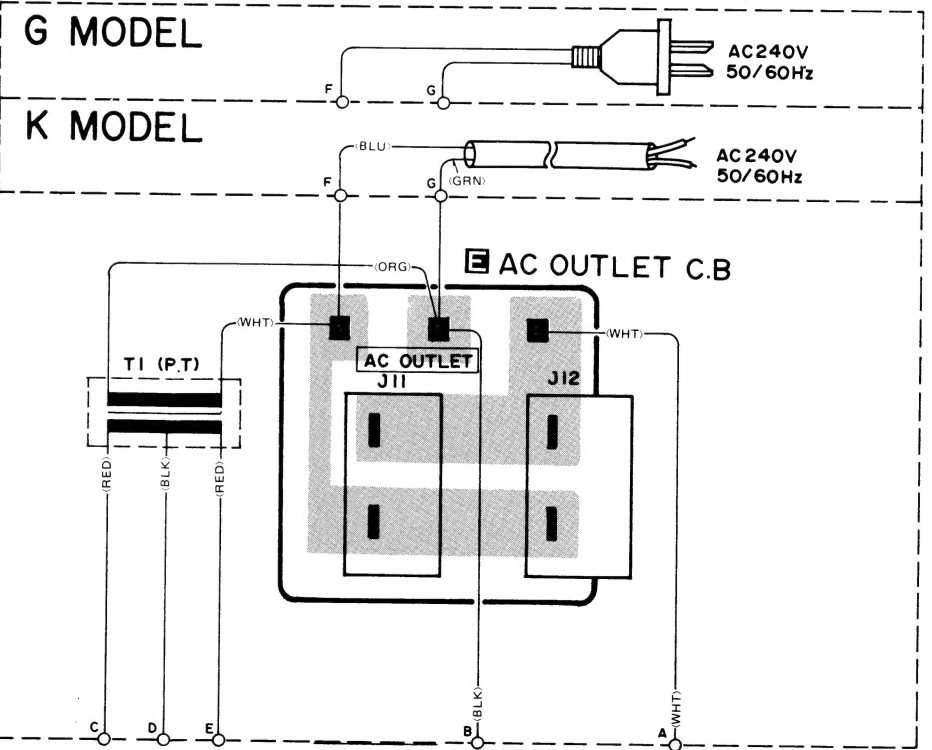
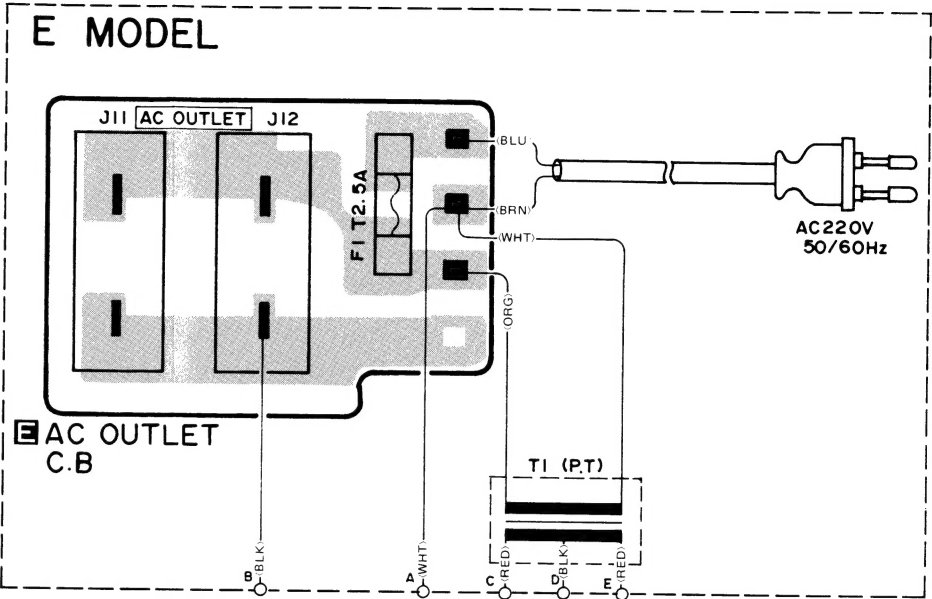
C-MOS IC handling precaution
The C-MOS IC's construction makes this part susceptible to damage by static electricity and so take sufficient care in regard to following articles.
1. Need to be put on conductive sheet, to be put in a metallic box and to be wrapped by aluminium foil for transportation and deposit.
2. To use solder iron less than 40W (less than 260°C) of power consumption for soldering. But do not overheat more than 10 second.
3. Do not perform a conductivity test with a tester, etc. Refer to the circuit voltages of each part.
4. The ICs on the electrical parts which are indicated by an C-MOS IC symbol mark (⚡).

Note; Combination Circuit Board
The parts on the electrical parts list which are indicated by an asterisk (*) are supplied as one single combined circuit board. Therefore, they will not be supplied separately. If this becomes necessary, please order the entire circuit board.

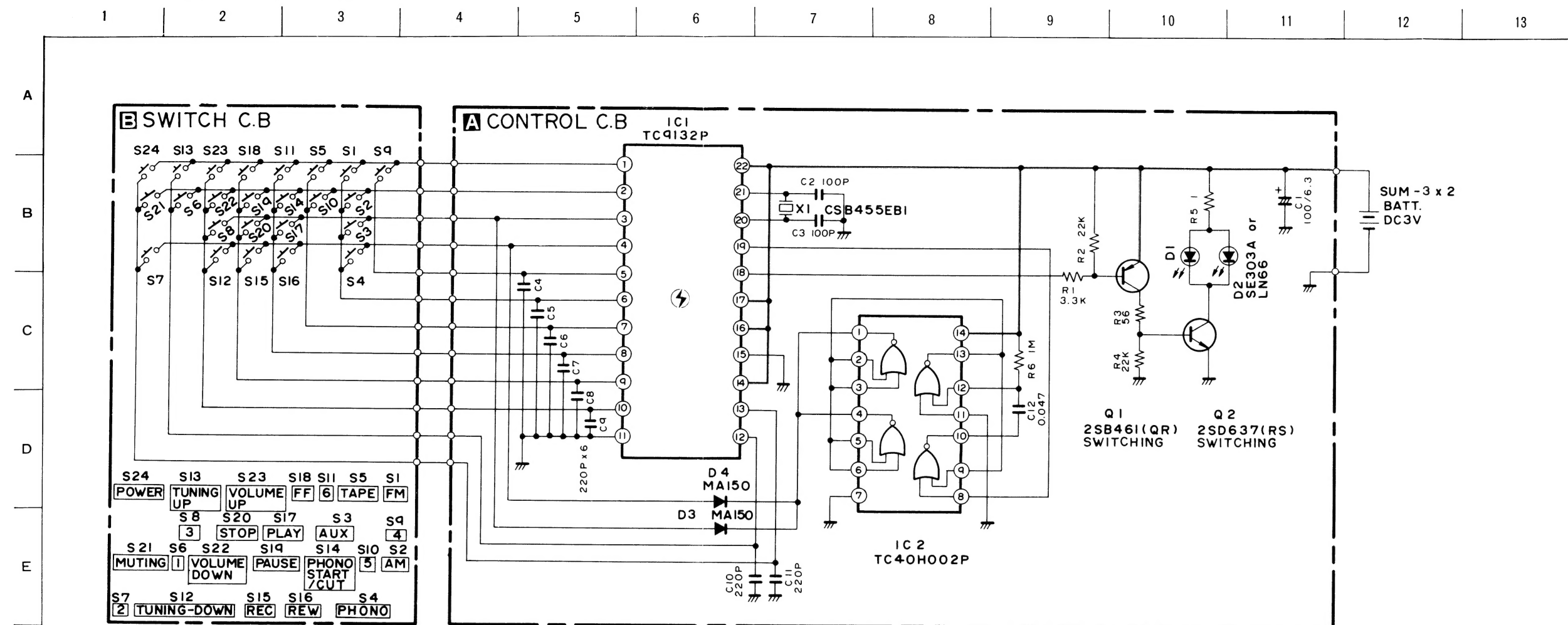
Combination circuit board 86-197-610-01



A
B
C
D
E
F
G
H
I
J



SCHEMATIC DIAGRAM, WIRING

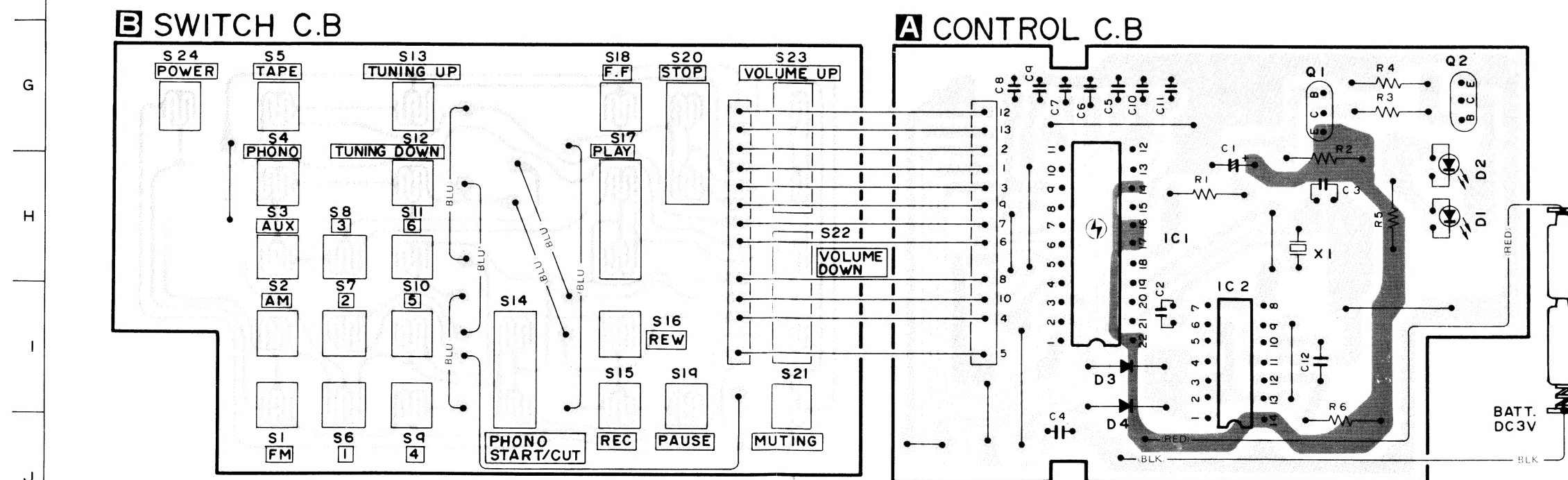


NOTES:

- 1) B (+) power supply
- 2) Resistors with no designation have a rated power of 1/4W and a tolerance of $\pm 5\%$.
- 3) Capacitors with no designation have a dielectric strength of less than 50WV.
- 4) The only capacitor tolerance indicated are $\pm 5\%$ (J) and $\pm 10\%$ (K).

- This schematic diagram is subject to change without notice in the interests of improved performance.

- NOTES (1) B(+) Pattern Others pattern
(2) The voltage is the reference value measured at 20 K ohms/V DC) when there are no

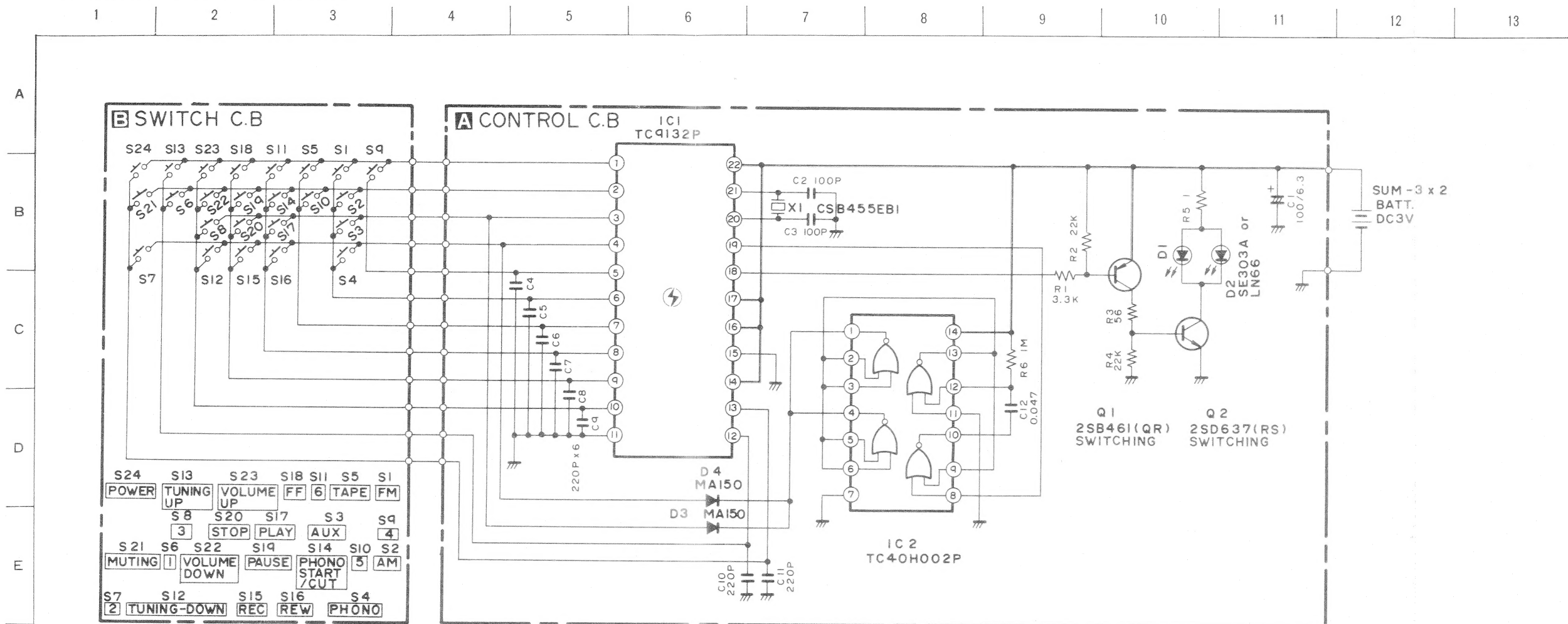


C-MOS IC handling precaution


The C-MOS IC's construction makes this part susceptible by static electricity and so take sufficient care in regard to handling articles.

1. Need to be put on conductive sheet, to be put in a moisture-proof bag and to be wrapped by aluminium foil for transport and storage.
2. To use solder iron less than 40W (less than 260 C) for soldering. But do not overheat more than 10 second.
3. Do not perform a conductivity test with a tester, etc. when the circuit voltages of each part.
4. The ICs on the electrical parts which are indicated by the MOS IC symbol mark (∇).

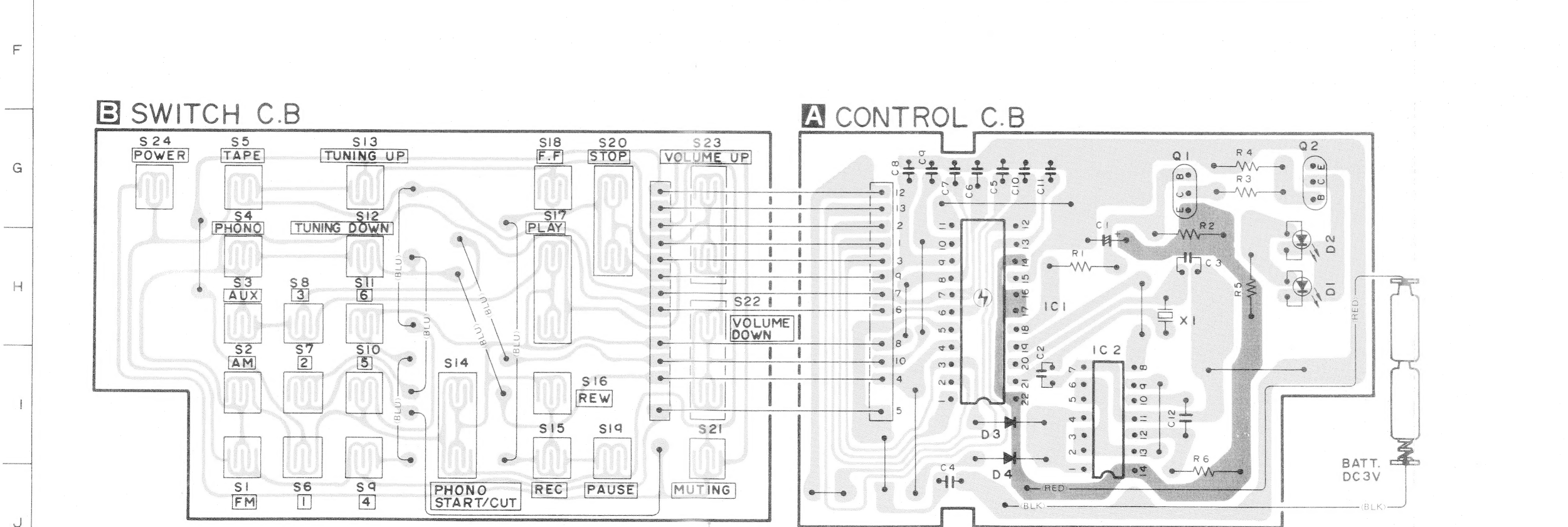
SCHEMATIC DIAGRAM, WIRING



NOTES:

- 1)  B (+) power supply
- 2) Resistors with no designation have a rated power of 1/4W and a tolerance of $\pm 5\%$.
- 3) Capacitors with no designation have a dielectric strength of less than 50WV.
- 4) The only capacitor tolerance indicated are $\pm 5\%$ (J), and $\pm 10\%$ (K).

- This schematic diagram is subject to change without notice in the interests of improved performance.




NOTES (1) B(+) Pattern Others pattern

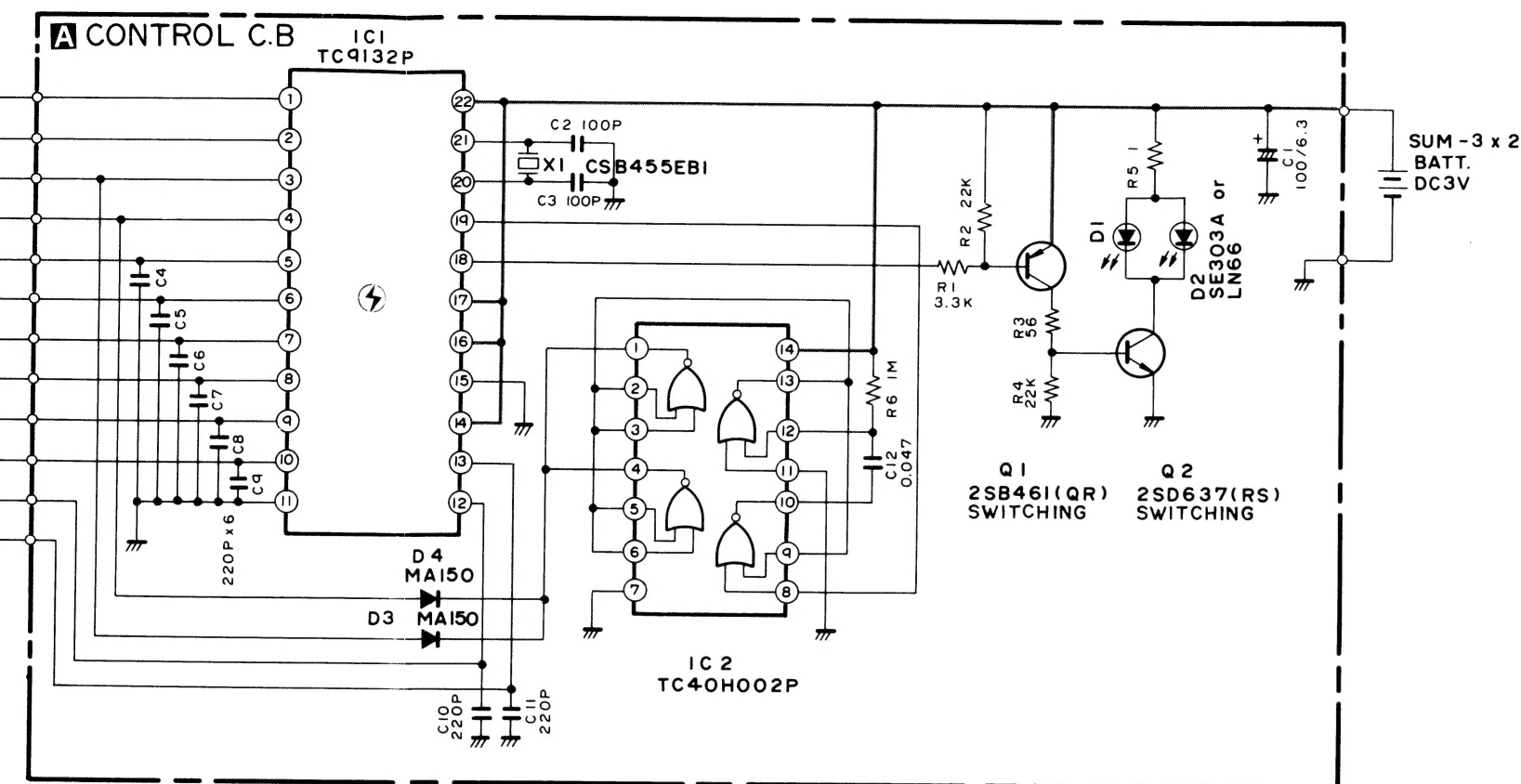
- (2) The voltage is the reference value measured at 20 K ohms/V DC when there are no

C-MOS IC handling precaution

The C-MOS IC's construction makes this part susceptible by static electricity and so take sufficient care in regarding articles.

1. Need to be put on conductive sheet, to be put in a moisture-proof bag and to be wrapped by aluminium foil for transportation and storage. Do not have a deposit.
2. To use solder iron less than 40W (less than 260°C) and to use the minimum consumption for soldering. But do not overheat more than 10 seconds.
3. Do not perform a conductivity test with a tester, etc. to check the electrical circuit voltages of each part.
4. The ICs on the electrical parts which are indicated by the MOS IC symbol mark ().

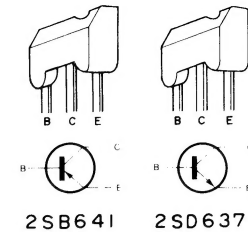
4 5 6 7 8 9 10 11 12 13



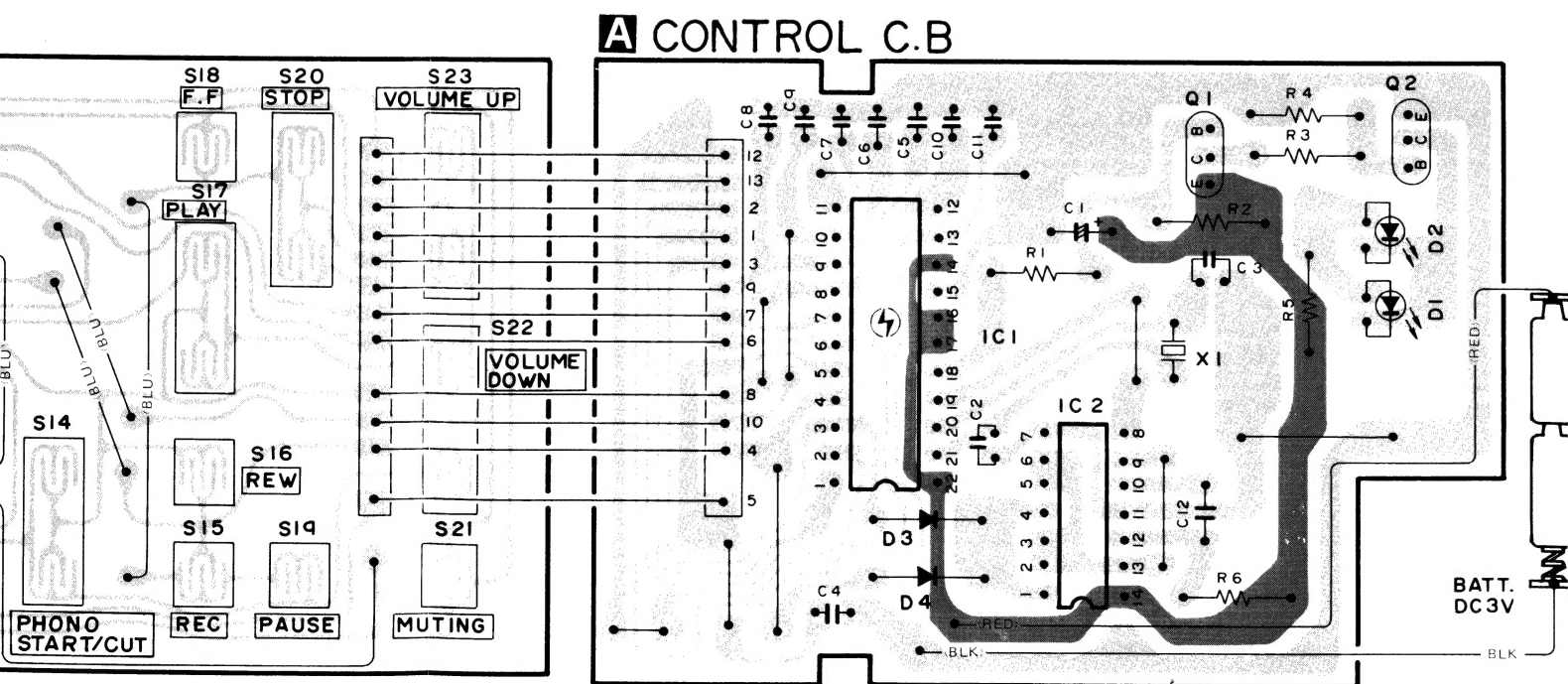
NOTES:

- 1) B (+) power supply
- 2) Resistors with no designation have a rated power of 1/4W and a tolerance of $\pm 5\%$.
- 3) Capacitors with no designation have a dielectric strength of less than 50VV.
- 4) The only capacitor tolerance indicated are $\pm 5\%$ (J) and $\pm 10\%$ (K).

- This schematic diagram is subject to change without notice in the interests of improved performance.



- NOTES (1) B(+) Pattern Others pattern
- (2) The voltage is the reference value measured with a tester (20 K ohms/V DC) when there are no signals.



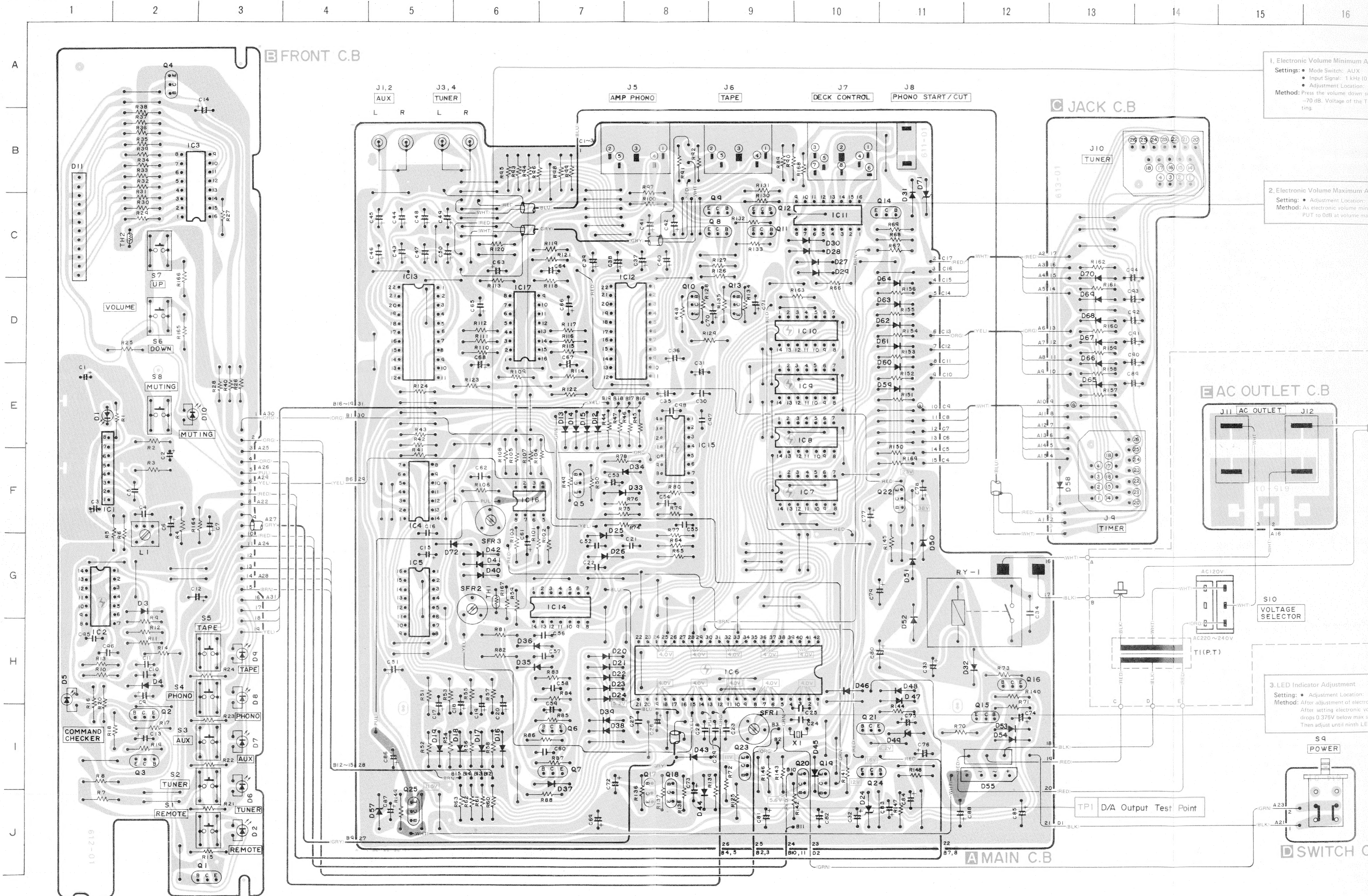
C-MOS IC handling precaution

The C-MOS IC's construction makes this part susceptible to damage by static electricity and so take sufficient care in regard to following articles.

1. Need to be put on conductive sheet, to be put in a metallic box and to be wrapped by aluminium foil for transportation and deposit.
2. To use solder iron less than 40W (less than 260°C) of power consumption for soldering. But do not overheat more than 10 second.
3. Do not perform a conductivity test with a tester, etc. Refer to the circuit voltages of each part.
4. The ICs on the electrical parts which are indicated by an C-MOS IC symbol mark (C).

WIRING

NOTES (1) B(+) Pattern B (-) Pattern Others pattern
(2) The voltage is the reference value measured with a tester (20 K ohms/V DC) when



1. Electronic Volume Minimum Adjustment
Settings: • Mode Switch: AUX
• Input Signal: 1 kHz (0 dB)
• Adjustment Location: S7
Method: Press the volume down switch to -70 dB. Voltage of the tuning.

2. Electronic Volume Maximum Adjustment
Setting: • Adjustment Location: S7
Method: As electronic volume minimum. PUT to 0 dB at volume maximum.

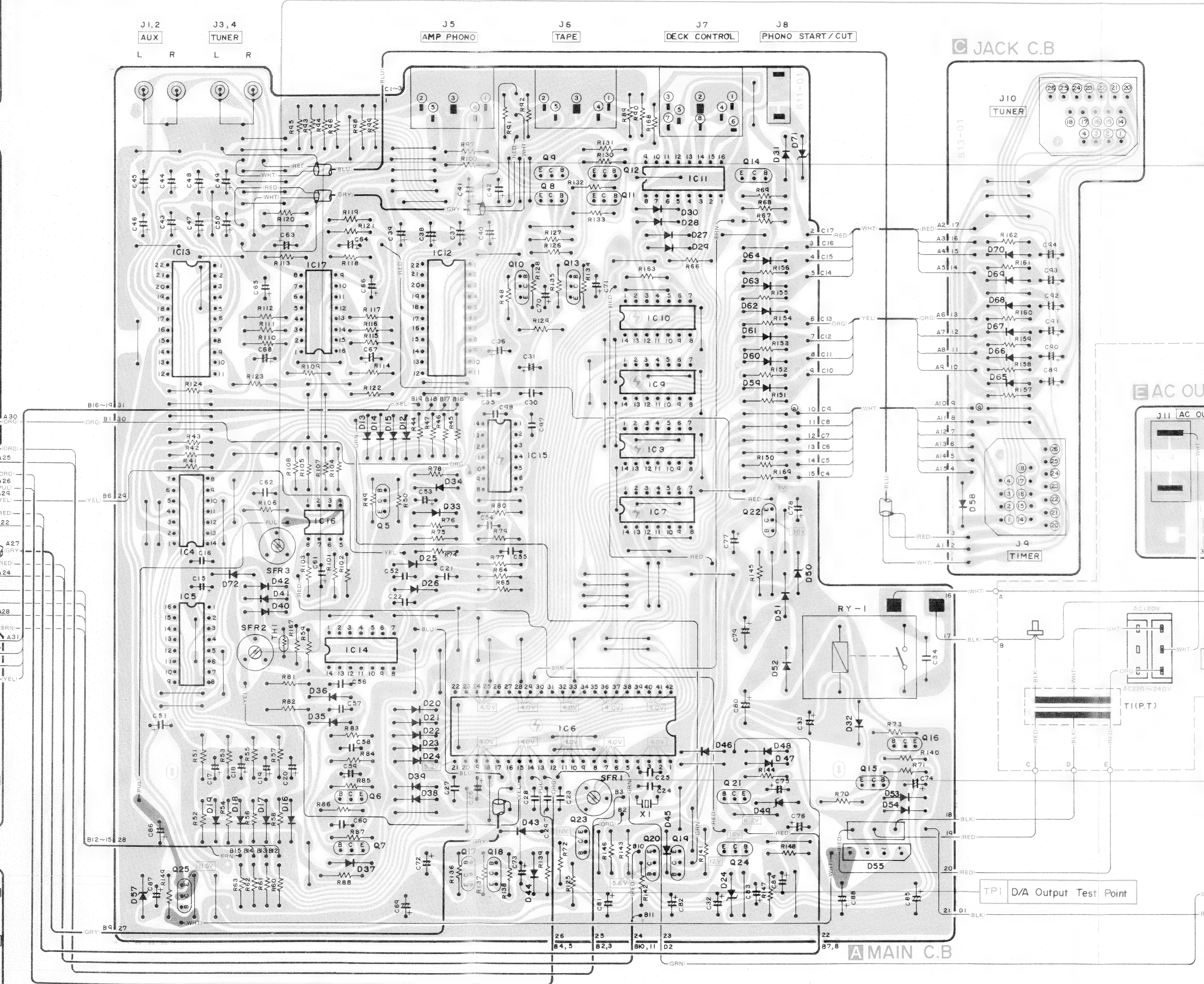
3. LED Indicator Adjustment
Setting: • Adjustment Location: S9
Method: After adjustment of electronic volume. After setting electronic volume drops 0.375V below maximum. Then adjust until ninth LED indicator.

S9 POWER

SWITCH C

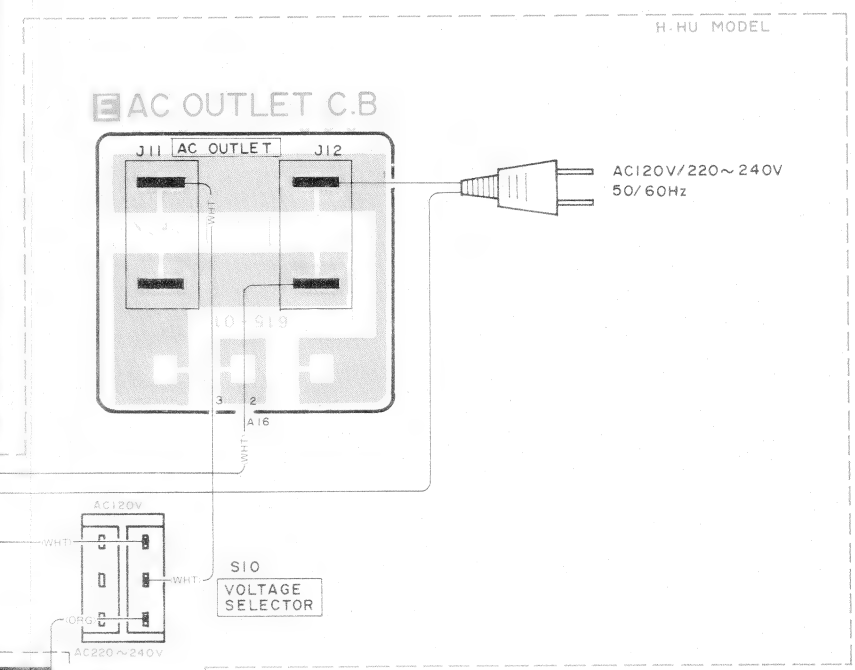
NOTES (1) B(+) Pattern B (-) Pattern Others pattern
(2) The voltage is the reference value measured with a tester (20 K ohms/V DC) when there are no signals.

FRONT C.B

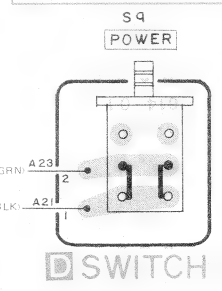


1. Electronic Volume Minimum Adjustment
Settings: • Mode Switch: AUX
• Input Signal: 1 kHz (0 dB at 1 V)
• Adjustment Location: SFR 3
Method: Press the volume down switch, then move 3 steps from MIN setting, then set the output to -70 dB. Voltage of the TP1 rises every 0.125 V per step starting at 0.375 V when at initial setting.

2. Electronic Volume Maximum Adjustment
Setting: • Adjustment Location: SFR 2
Method: As electronic volume minimum adjustment, press the UP switch of the volume to set the OUT-PUT to 0dB at volume maximum.

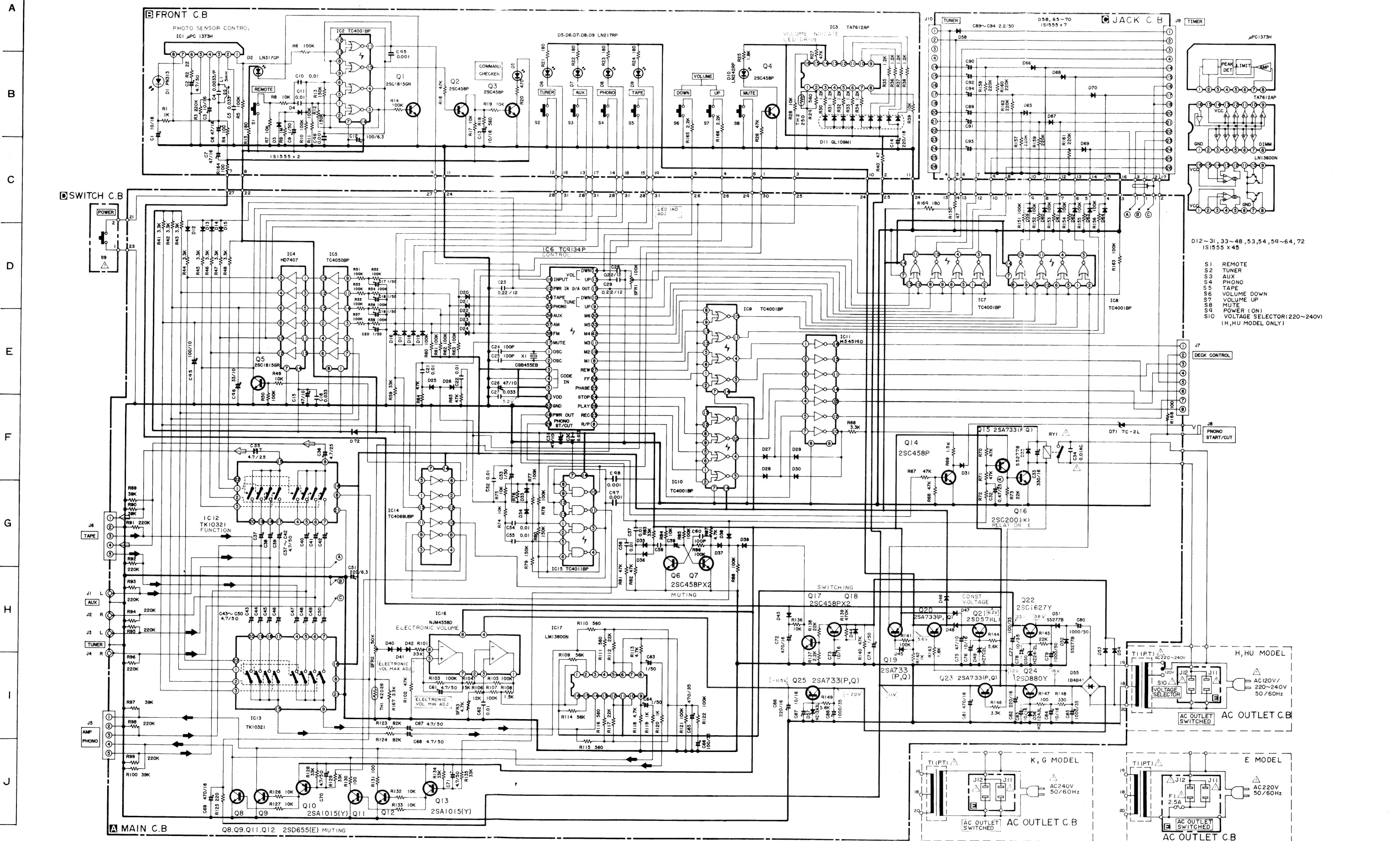


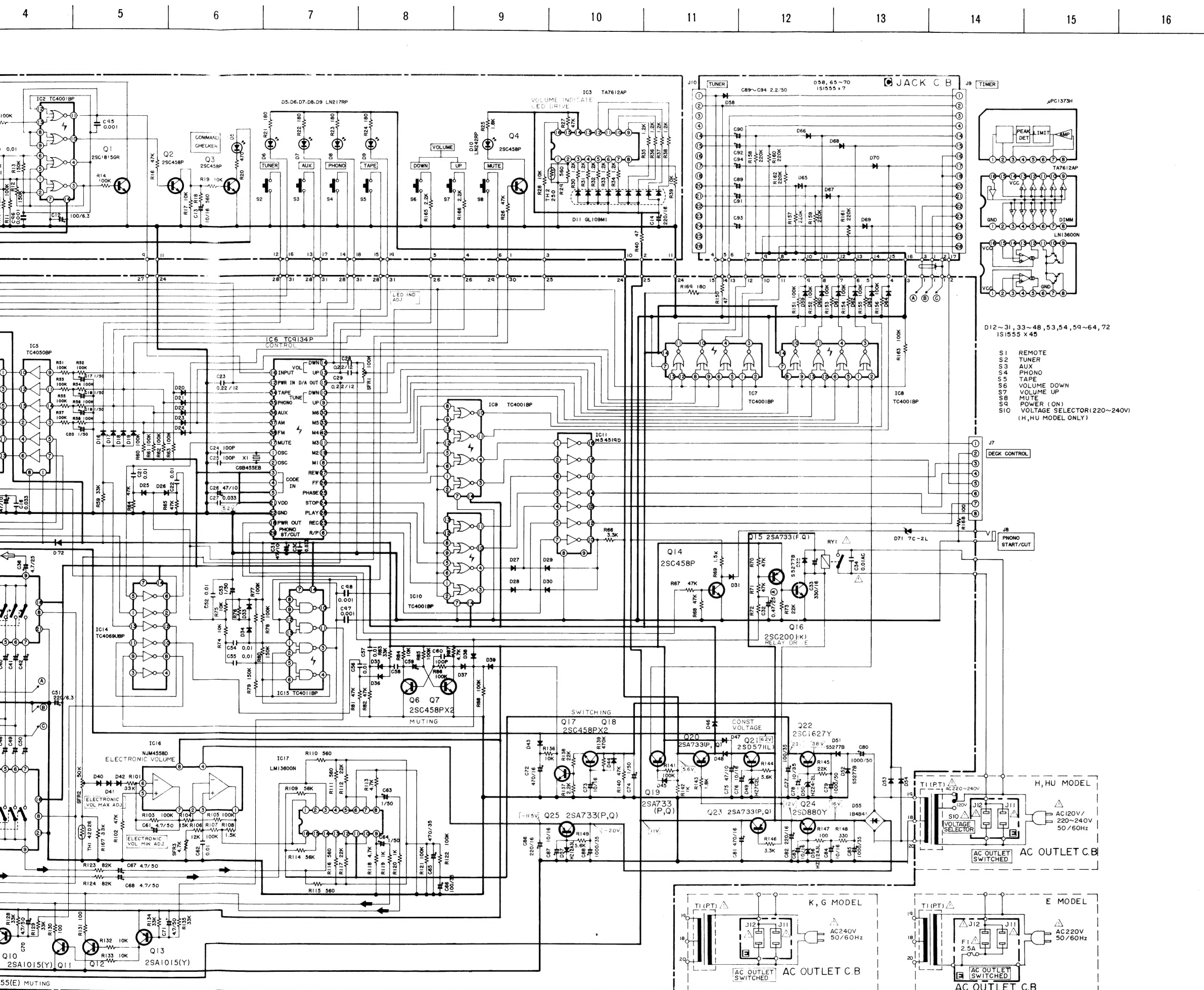
3. LED Indicator Adjustment
Setting: • Adjustment Location: SFR 1
Method: After adjustment of electronic volume maximum move 3 steps down. After setting electronic volume to max, set to 3 steps down so that voltage of TP1 voltage drops 0.375V below max setting. Then adjust until ninth LED from the left goes off.



C-MOS IC handling precaution
The C-MOS IC's construction makes this part susceptible to damage by static electricity and so take sufficient care in regard to following articles.
1. Need to be put on conductive sheet, to be put in a metallic box and to be wrapped by aluminium foil for transportation and deposit.
2. To use solder iron less than 40W (less than 260°C) of power consumption for soldering. But do not overheat more than 10 second.
3. Do not perform a conductivity test with a tester, etc. Refer to the circuit voltages of each part.
4. The ICs on the electrical parts which are indicated by an C-MOS IC symbol mark (⚡).

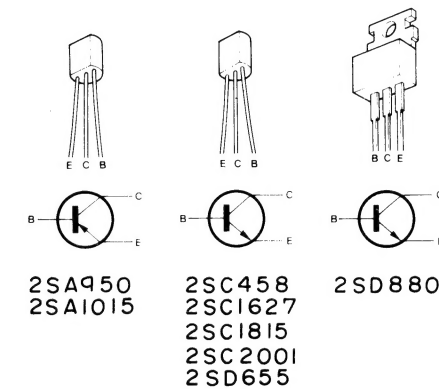
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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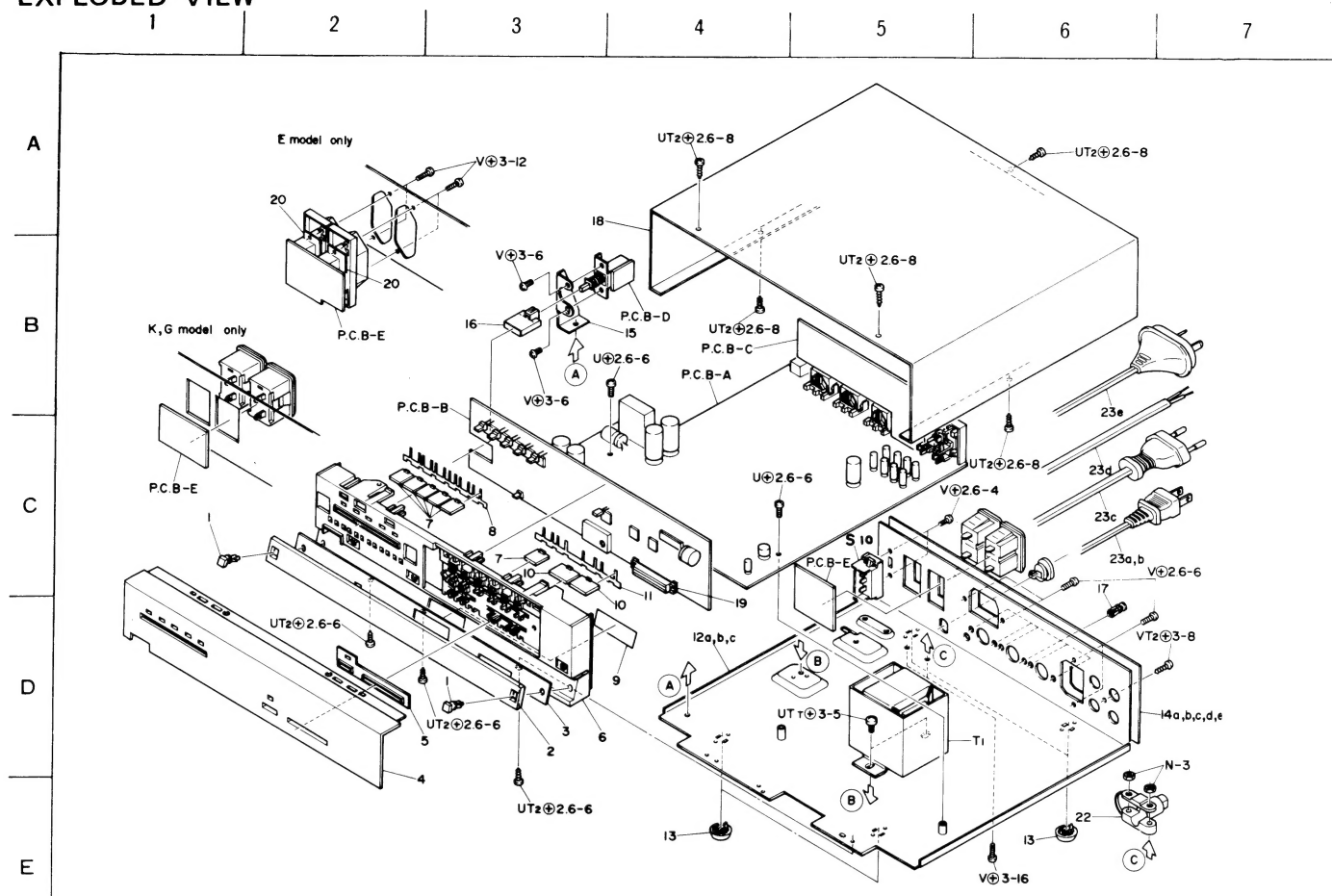


NOTES:

- 1) B (+) power supply B (-) power supply
 - 2) Signal path
Rec path
 - 3) The voltage is the reference value measured with a tester (20 k-ohms/V DC) when there are no signals.
 - 4) Resistors with no designation have a rated power of 1/4W and a tolerance of $\pm 5\%$.
 - 5) Capacitors with no designation have a dielectric strength of less than 50WV.
 - 6) The only capacitor tolerance indicated are $\pm 5\%$ (J) and $\pm 10\%$ (K).
 - 7) Ceramic capacitor symbols:
 High dielectric constant system (YW, YP, YZ)
 - 8) Explanation of symbols
 Mylar capacitor
 Safety component symbol
This symbol is given to important parts which serve to maintain the safety of the product, and which are made to conform to special safety specifications. Therefore, when replacing a component with this symbol, make absolutely sure that you use a designated part.
- This schematic diagram is subject to change without notice in the interests of improved performance.



EXPLODED VIEW



PARTS LIST

MECHANICAL PARTS

■ * mark in this part list shows exclusive part.

Ref. No.	Part No.	Part No. Chabged to	Description	Common Model	Q'ty
1	82-769-010-01		Nylon rivet ass'y		2
2	82-779-012-01		Window	ST-R80	1
3	86-197-004-01		Plate	*	1
4	86-197-001-01		Panel, Front D	*	1
5	86-197-005-01		Guide, Button	*	1
6	82-779-001-21		Cabinet, Front	ST-R80	1
7	82-779-007-01		Push-key	ST-R80	6
8	82-779-211-01		Plate spring A	ST-R80	1
9	86-197-207-01		Sheet	*	1
10	86-197-020-01		Push-key (GRY)	*	2
11	82-770-212-01		Plate spring B	SA-A35	1
12a	86-197-201-01		Chassis amp. ass'y D (H, HU model only)	*	1
12b	86-197-203-01		Chassis amp. ass'y E (E model only)	*	1
12c	86-197-205-01		Chassis amp. ass'y K (K, G model only)	*	1
13	82-745-019-01		Foot		4
14a	86-197-007-01		Jack plate H (H model only)	*	1
14b	86-197-008-01		Jack plate U (HU model only)	*	1
14c	86-197-009-01		Jack plate E (E model only)	*	1
14d	86-197-010-01		Jack plate K (K model only)	*	1
14e	86-197-012-01		Jack plate G (G model only)	*	1
15	82-779-210-01		Holder, Power	ST-R80	1
16	82-780-008-01		Push-button C	SA-C80	1
17	87-085-102-01		Nylon rivet		6
18	82-780-012-01		Cabinet, Steel	SA-C80	1
19	86-197-208-01		Spacer VL	*	1
20	82-773-216-01		Plate nut E (E model only)	AT-9500	2
21	87-085-165-01		Cord bushing (H, HU model only)		1
22	87-085-166-01		Holder, AC power cord (E, K, G model only)		1
23a	87-034-934-01		AC power cord H (H model only)		1
23b	87-034-935-01		AC power cord U (HU model only)		1
23c	87-934-877-01		AC power cord E (E model only)		1
23d	87-934-872-01		AC power cord K (K model only)		1
23e	87-034-892-01		AC power cord G (G model only)		1

ACCESSORIES/PACKAGE=RC-R200

Ref. No.	Part No.	Part No. changed to	Description	Common Model	Q'ty	
1	86-199-855-01		Printed indiv , Packing	*	1	
2	86-199-852-01		Cushion L, Printed indiv.	*	1	
3	86-199-853-01		Cushion R, Printed indiv.	*	1	
4	87-051-171-11		Poly-vinyl sack		1	
5	86-199-904-01		Instructions booklet	*	1	
6	87-056-009-51		Distributors list (Y. YG model only)		1	
7a	87-056-045-01		Guarantee card (YU model only)		1	
7b	87-056-059-01		Guarantee card (YG model only)		1	
8	87-056-057-01		Service station list (YU model only)		1	
9	86-199-800-01		Remote control transmitter RC-T200	*	1	

ACCESSORIES/PACKAGE=RC-R500

Ref. No.	Part No.	Part No. Chabged to	Description	Common Model	Q'ty	
1	86-197-853-01		Printed indiv., Packing	*	1	
2	82-748-856-21		Cushion L, Printed indiv.	SA-C50	1	
3	82-748-857-31		Cushion R, Printed indiv.	SA-C50	1	
4	86-153-854-01		Auxiliary box		1	
5	87-051-131-11		Poly-vinyl sack (H, HU model only)		1	
6	87-051-135-11		Poly-vinyl sack		H,HU:1 E,K,G:2	
7	87-056-604-01		Poly-vinyl sack		1	
8a	86-197-904-01		Instructions booklet (H, HU model only)	*	1	
8b	86-197-905-01		Instructions booklet (E model only)	*	1	
8c	86-197-906-01		Instructions booklet (K model only)	*	1	
8d	86-197-907-01		Instructions booklet (G model only)	*	1	
9	87-051-171-11		Poly-vinyl sack		1	
10	87-056-008-11		Label, AC power cord (K model only)		1	
11	87-056-009-51		Distributors list (H,E,K,G model only)		1	
12a	87-056-045-01		Guarantee card (HU model only)		1	
12b	87-056-059-01		Guarantee card (G model only)		1	
13	87-032-845-01		Siemens plug (H, HU model only)		1	
14	87-056-057-01		Service station list (HU model only)		1	
15	85-439-002-01		Syncrate cord, CW-150K		1	
16	85-488-001-01		Connection cord, CW-250K		1	
17	85-489-001-01		Connection cord, CW-251AK, TO AMP		1	
18	85-489-002-01		Connection cord, CW-251BK, TO DECK		1	
19	85-493-001-01		Connection cord, CW-201K		1	
20	85-498-820-01		Connection cord, CW-206DSK		1	
21	86-198-800-01		Remote control transmitter, RC-T500		1	